



TENNESSEE WEEKLY  
WEATHER AND CROP BULLETIN



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Excellent Weather for Field Work

Tennessee’s weather remained warm and humid last week with only a few scattered showers allowing almost a full week for field work. Harvest of this year’s corn crop was progressing at a pace slightly behind last year and the five-year average. Soybeans continued to fill pods with some fields approaching the need for insecticide spraying. Cotton development continues to lag about a week behind normal, but the warm temperatures helped conditions improve slightly. Producers took advantage of the favorable weather to harvest hay, tobacco, and corn silage, while also beginning land preparation for seeding fall forages. There were 6 days suitable for field work last week. As of Friday, topsoil moisture levels were rated 3 percent very short, 23 percent short, 73 percent adequate, and 1 percent surplus, while subsoil moisture levels were rated 1 percent very short, 16 percent short, 82 percent adequate, and 1 percent surplus.

CROP PROGRESS: Through August 31, 2003					CONDITION: On August 29, 2003					
Crop	This Week	Last Week	2002	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Mature	65	35	70	66	Corn	2	3	15	56	24
Corn - Harvest	11	4	18	19	Cotton	0	3	20	62	15
Corn Silage - Harvest	62	54	79	71	Soybeans	0	2	15	59	24
Cotton - Bolls Opening	25	13	30	41	Tobacco	3	6	28	50	13
Soybeans - Setting Pods	95	81	96	90	Pastures	1	3	16	61	19
Soybeans - Dropping Leaves	7	4	10	10	Cattle	0	2	13	66	19
Tobacco - Topped	91	89	89	91						
Tobacco - Burley Harvested	44	31	38	47						
Tobacco - Air Cured Harvested	58	34	53	58						
Tobacco - Fire Cured Harvested	45	31	44	54						

**CORN:** With almost two-thirds of the crop mature, farmers continued to harvest their corn for grain, although some fields were high in moisture content. Grain harvest is about half a week behind normal. As of Sunday, a little over one-third of the corn silage acreage remained to be harvested. The crop remained in mostly good-to-excellent condition.

**COTTON:** Cotton was maturing with one-fourth of the acreage showing opened bolls. Insect pressure in cotton continued to be light to moderate. The crop was rated in mostly good condition. Boll Weevil Eradication spraying continued in a few areas.

**SOYBEANS:** Soybean development continued to progress well and a few fields were beginning to shed leaves. Disease problems were reported in some counties, but conditions remained mostly good to excellent overall. More rainfall is needed to boost growth of the crop, especially the late planted beans.

**TOBACCO:** Most of the crop has been topped with harvest underway. The crop continues to be rated in mostly fair-to-good condition, with a few problems reported due to disease.

**CATTLE, PASTURES & HAY:** Cattle were rated in mostly good condition. Pastures also remained in mostly good condition, while many farmers were out cutting hay last week.

TEMPERATURES AND PRECIPITATION For week ending: 08/31/03 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 08/31/03				Current Week	Rain	Current	From	Since April 1	
	HI	LO	AVG	DFN	08/31/03	Days	Since January 1	Normal	Total	DFN
0Ames_Plantation	96	67	80	+5	0.12	2	49.05	+13.68	2025	+28
Tri-City_RGNL_A	91	62	77	+5	0.72	3	48.82	+20.28	1405	+32
Brownsville_TN	95	69	82	+6	0.74	1	40.22	+4.80	2191	+418
Chattanooga/Lov	93	69	80	+4	1.77	4	48.37	+12.06	1978	+90
Clarksville_Sew	95	65	81	+7	1.95	3	33.87	-0.42	1927	+142
Cookeville	92	62	78	+6	0.00	0	45.54	+6.69	1535	+412
Covington	94	67	79	+4	0.45	1	38.37	+3.92	1948	-90
Crossville_AP	88	62	76	+6	0.73	1	48.32	+10.03	1386	+111
Dickson_AG	91	61	78	+3	1.53	4	40.42	+3.93	1478	-386
Dover_1W	93	65	79	+6	0.84	3	39.53	+4.04	1753	+168
Dyersburg	95	66	81	+5	1.94	1	35.53	+1.69	2074	-90
Erwin_1W	91	64	77	+7	0.36	4	40.83	+6.05	1328	-307
Huntingdon_Wate	93	66	80	+6	1.03	2	38.63	+3.19	1866	+173
Jackson_AG	93	67	81	+6	0.10	1	35.87	+0.79	1987	+40
Kingston_AG	92	63	78	+6	0.32	2	47.54	+7.37	1584	+112
Knoxville_AP	92	68	80	+6	0.07	1	43.59	+10.65	1785	+143
Lewisburg	93	63	78	+4	1.62	2	46.42	+9.22	1666	+7
Lexington_TN	92	66	80	+5	0.77	2	39.71	+5.44	1846	+640
Linden	92	64	78	+5	0.77	1	44.23	+6.48	1641	-24
Martin	96	65	81	+7	2.55	2	40.62	+4.91	1907	+35
Mc_Minnville_Tn	92	65	79	+5	0.30	2	44.22	+7.83	1765	-302
Memphis_AG	97	69	81	+3	3.33	3	40.41	+5.69	2127	-283
Milan	95	63	80	+6	1.84	1	39.44	+2.99	1911	+84
Murfreesboro_5N	94	66	80	+5	1.24	2	44.17	+8.08	1763	-291
Nashville_Metro	93	67	80	+5	0.72	2	43.14	+10.65	1923	-31
Newcomb	91	59	77	+7	0.84	2	48.39	+10.70	1423	+222
Oneida	90	61	77	+7	0.65	3	41.71	+4.02	1397	-357
Pikeville	91	65	79	+5	0.00	0	49.49	+13.08	1720	+103
Portland_TN	93	65	79	+6	0.81	2	41.22	+5.92	1654	+35
Pulaski_Water_P	93	65	79	+3	0.12	1	43.71	+6.60	1755	-195
Savannah_6SW	92	65	79	+3	0.05	1	52.63	+14.29	1739	+20
Sparta_TN	92	63	79	+6	0.48	3	49.48	+11.90	1750	+350
Springfield	93	62	79	+6	1.80	2	36.59	+2.75	1674	+44
Springhill	96	65	79	+6	0.73	3	45.18	+7.74	1838	+181
Union_City	94	64	79	+6	0.73	2	37.40	+2.57	1776	-43
Waynesboro_TN	93	63	78	+5	0.24	2	46.02	+6.71	1672	-210

DFN = Departure From Normal (Using 1961-90 Normals Period).    GDD = Growing Degree Days.  
 Precipitation Days = Days with precip of 0.01 inch or more.    Precipitation (rain or melted snow/ice) in inches.  
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